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OF THE

UNIVERSITY OF ILLINOIS

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**COLLEGE of DENTISTRY**

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**UNIVERSITY of ILLINOIS**

**ANNOUNCEMENT**

FOR

**1906**

**1907**



**Cor. Harrison & Honore Sts.**

**CHICAGO, ILL.**

# CALENDAR

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1906

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## FIRST SEMESTER

Entrance Examination . . . . .	Any Time
October 4th (Thursday) . . . . .	Opening Exercises, 8 P. M.
October 5th . . . . .	Winter Session Begins
October 15th . . . . .	Last Day a Student can Enter
November 28th, 29th and 30th . . . . .	Thanksgiving Vacation
December 24th . . . . .	Christmas Vacation Begins

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1907

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## SECOND SEMESTER

January 2d . . . . .	School Resumes Work
February 22 . . . . .	Recess—Washington's Birthday
May 15th . . . . .	Final Examinations Begin
May 25th . . . . .	Class Day (all Classes taking part)
May 30th (Thursday) . . . . .	Commencement Exercises

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The Infirmary is open to patients throughout the year, except  
Sundays and Legal Holidays.

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NOTE: For further particulars Address the Acting Dean:—

DR. G. W. COOK, corner Harrison and Honore.Sts.,  
Chicago, Illinois.

*Announcement*

OF THE

# College of Dentistry

OF THE

University of Illinois

CHICAGO

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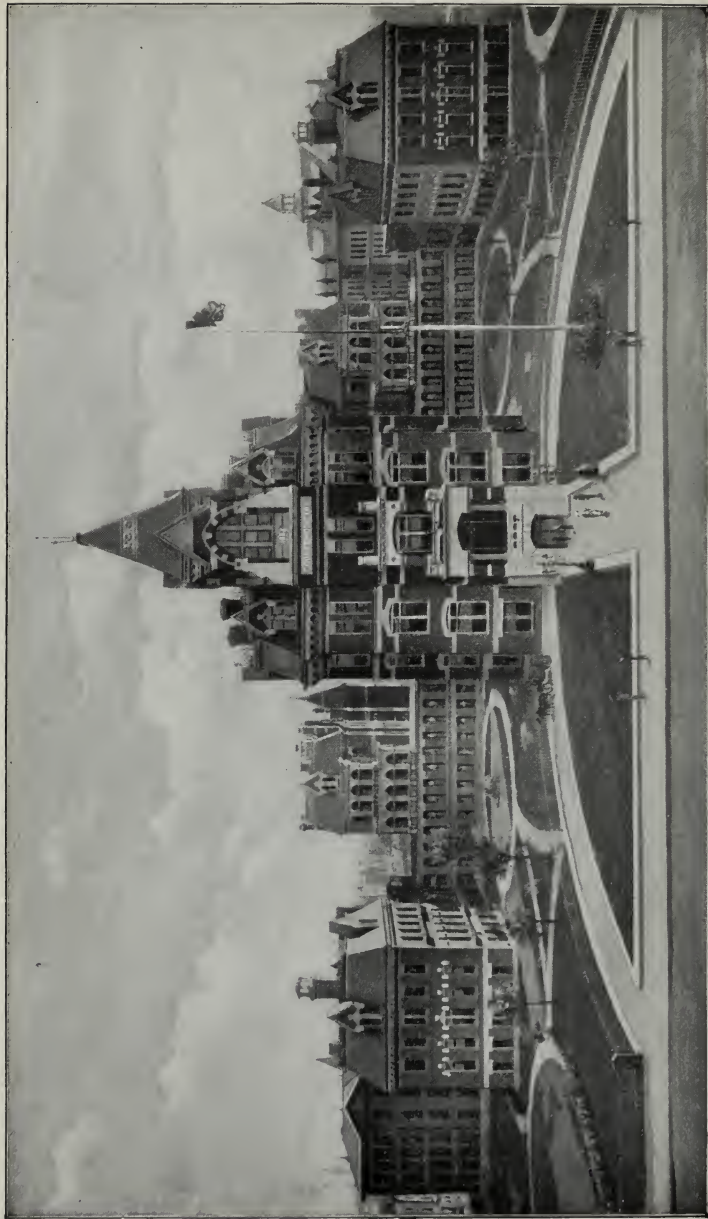
SESSION 1906-1907

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CHICAGO :

CORNER HARRISON AND HONORE STREETS

PUBLISHED BY THE COLLEGE OF DENTISTRY

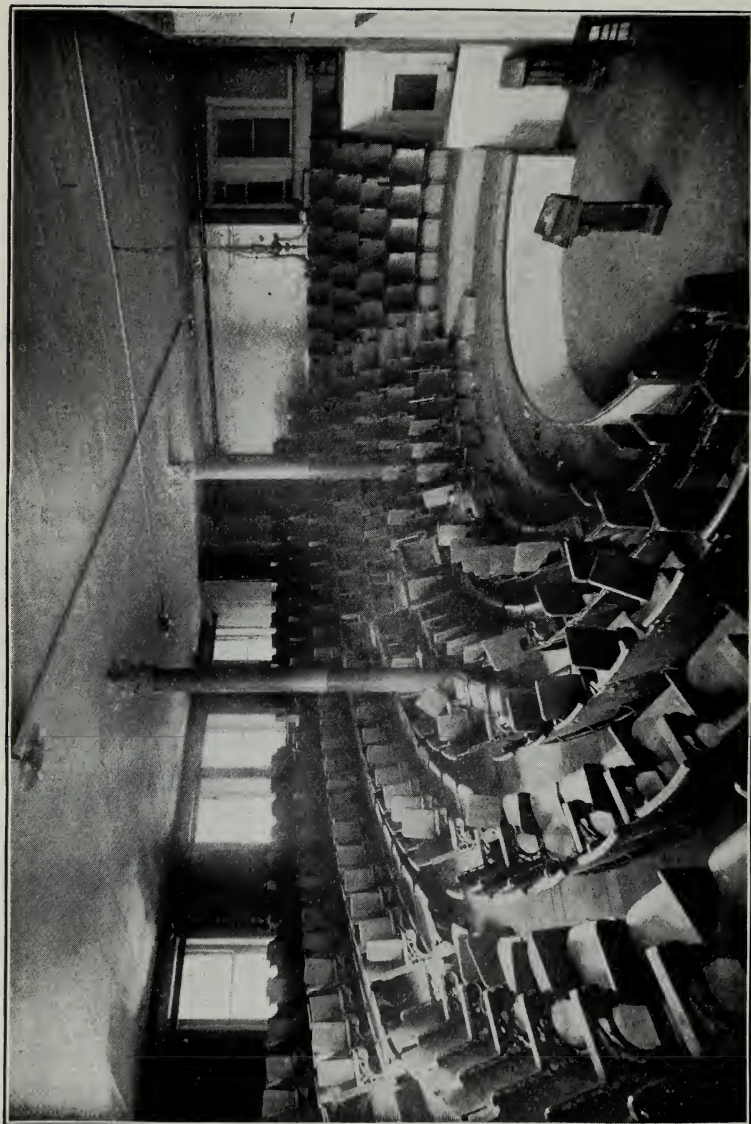


COOK COUNTY HOSPITAL—OPPOSITE COLLEGE OF DENTISTRY, UNIVERSITY OF ILLINOIS.



COLLEGE OF DENTISTRY, UNIVERSITY OF ILLINOIS  
(Corner of Harrison and Honore Streets)  
CHICAGO





LOWER AMPHITHEATRE

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## FACULTY

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BERNARD JOHN CIGRAND, M. S., D. D. S., *Professor of Prosthetic Dentistry, Technic and History*, corner North Ave. and Robey St.  
DONALD MACKEY GALLIE, D. D. S., *Professor of Operative Dentistry and Operative Technic*, 100 State Street.  
GEORGE WALTER DITTMAR, D. D. S., *Associate Professor of Operative Dentistry, Technics and Superintendent of Infirmary*, College.  
CHARLES ERWIN JONES, B. S., D. D. S., *Professor of Materia Medica and Therapeutics*, College.  
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WILLIAM THOMAS ECKLEY, M. D., *Professor of General and Regional Anatomy*, 979 Jackson Boulevard.  
JACOB F. BURKHOLDER, M. D., *Professor of Physiology*, Columbus Memorial Building.  
FRED CARL ZAPFFE, M. D., *Professor of Histology and Microscopy*, 1764 Lexington Street.  
ELMER DEWITT BROTHERS, B. S., LL.B., *Professor of Dental Jurisprudence*, New York Life Building.  
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W. R. ABBOTT, PH. B., M. D., *Professor of Chemistry*, 1416 Wilton Ave..  
CORRINNE B. ECKLEY, *Associate Professor of General and Regional Anatomy*, 979 Jackson Boulevard, Chicago.

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### SPECIAL LECTURERS AND CLINICIANS.

WILLIAM M. HARSHA, M. D., *Oral Surgery and General Anesthetics*, Columbus Memorial Building, Chicago.  
GEORGE THOMAS CARPENTER, M. D., D. D. S., (*Stomatology*), Trude Building.  
SETH E. MEEK, M. S., PH. D., *Comparative Anatomy*, Field Columbian Museum, Chicago, Illinois.  
ZAN D. KLOPPER, *Instructor in Dental and Facial Art*.  
MARTIN J. CONLEY, D. D. S., *Oral Surgery*, 477 Grand Ave.

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LOUIS E. BAKE, D. D. S., PORCELAIN DEPARTMENT—OPERATIVE TECHNIC.  
CORRINNE BUFORD ECKLEY, GENERAL AND REGIONAL ANATOMY.

### DEMONSTRATORS.

ARTHUR G. NAUMAN, D. D. S., OPERATIVE DEPARTMENT.  
CLARENCE B. MEEK, D. D. S., PROSTHETIC DEPARTMENT.  
CHARLES E. ABSTEIN, D. D. S., INFIRMARY.  
HENRY C. LEE, PH. G., D. D. S., OPERATIVE DEPARTMENT.  
FRANK R. RYAN, D. D. S., ORTHODONTIA DEPARTMENT.  
HARRY OSCAR WHITE, M. D., ANATOMY.  
LOUIS MILLER, D. D. S., OPERATIVE DEPARTMENT—THERAPEUTICS.

### QUIZ MASTERS.

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LOUIS E. BAKE, D. D. S., OPERATIVE DEPARTMENT.  
HENRY C. LEE, PH. G., D. D. S., MATERIA MEDICA AND THERAPEUTICS.  
CORRINNE B. ECKLEY, ANATOMY.  
ARTHUR G. NAUMAN, D. D. S., ANATOMY.

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MR. W. H. BROWNE, SUPERINTENDENT.  
MR. JOSEPH S. TOMLINSON, CLERK.

## **College of Dentistry, University of Illinois.**

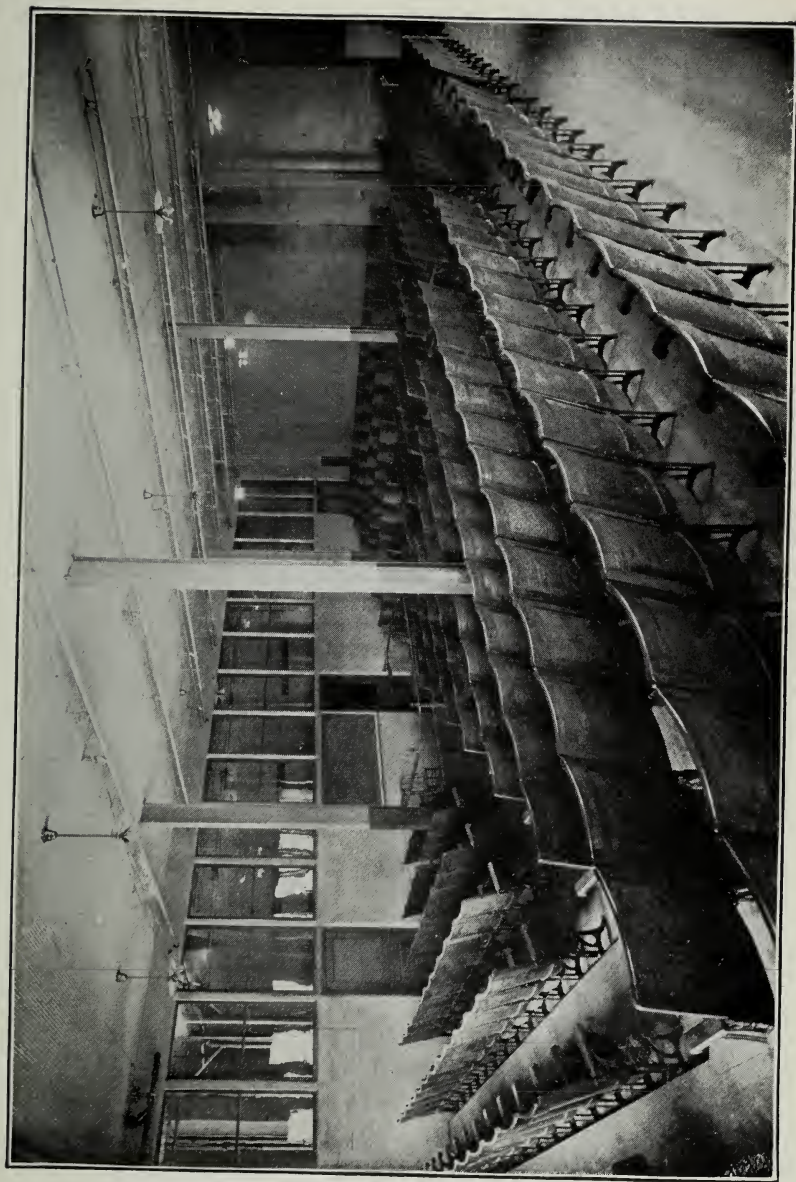
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### **ANNOUNCEMENT.**

The College of Dentistry is under the immediate control of the State University which insures stability and thoroughness in its future development which must commend it to all well-wishers of the dental profession.

The University of Illinois has developed in a way that is striking even in the present age of rapid growth of educational institutions. From an attendance a few years ago of eight hundred students, it has increased until at the present time it has departments covering almost all branches of technical scholarship in addition to the usual academic and scientific departments and is one of the largest institutions in point of attendance in the United States. The total enrollment in the University during the last collegiate year was more than four thousand students. The appropriations for the University made by the legislature of Illinois during the last year amounted to \$1,800,000. These facts are mentioned in order to give some intimation of the financial circumstances of this great American University.

The college occupies its own building, situated on the corner of Harrison and Honore streets in Chicago. This building is a six-story stone and brick structure, constructed at a cost of \$100,000, and is occupied exclusively by the College of Dentistry. It is commodious and complete in every particular. The building



UPPER AMPHITHEATRE

stands on the corner of two wide streets and is separated from the adjacent buildings on the north and east by wide, open spaces, so that the provisions for ventilation and especially for light are of the best possible character. It is located directly opposite the Cook County Hospital, in the center of the clinical field of Chicago, which insures at all times abundance of clinical material. Adjoining the school on the west is the West-Side Hospital, and on the north are the new buildings of the College of Physicians and Surgeons, College of Medicine of the University of Illinois.

### **REQUIREMENTS FOR ADMISSION.**

Persons desiring to enter this college must bring with them credentials signed by a city superintendent of schools, a principal of a high school, or a state superintendent of instruction, or equivalent officer, or his deputy.

These credentials must show that the applicant has completed the curriculum of an accredited high school or its equivalent.

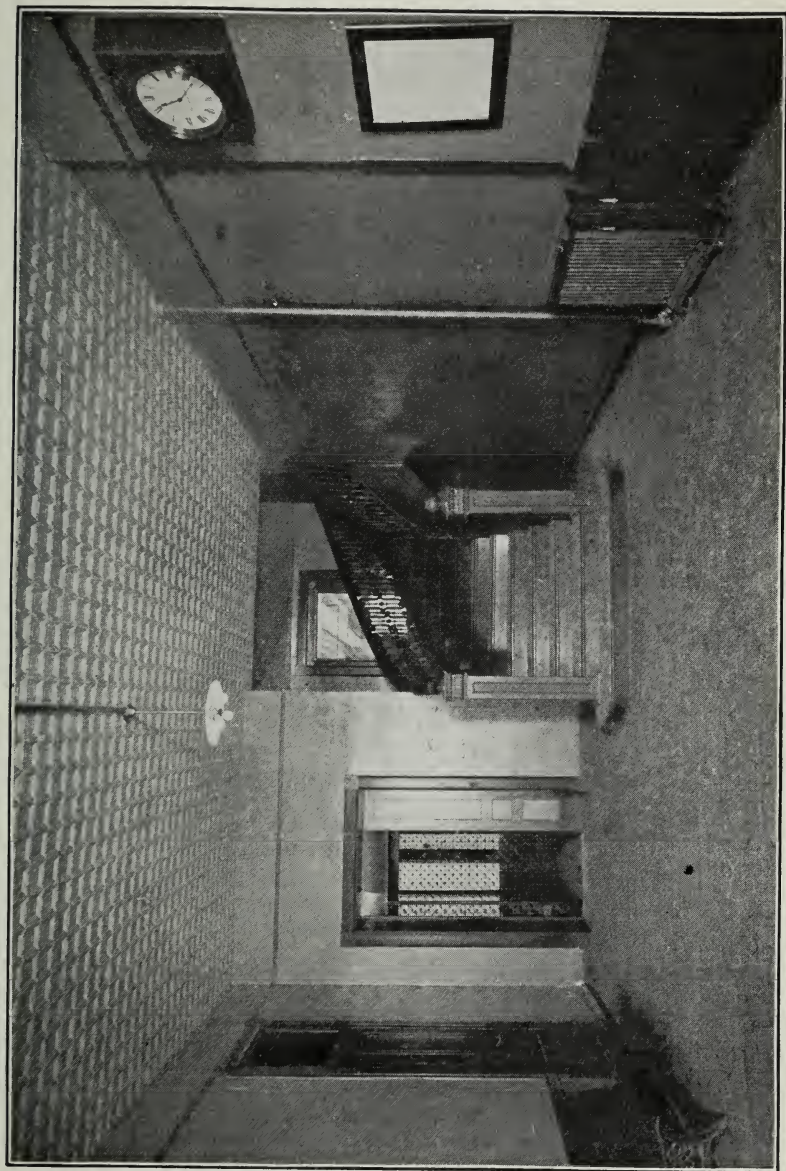
Persons not having these credentials will be admitted upon examination and approval of the State Superintendent of Public Instruction or his deputy.

This college will receive no student who is not present within ten days after the opening day of the session in each year, or in case of necessary delay, by reason of illness properly certified by the attending physician, within twenty days after the opening day.

Students matriculating agree thereby to accept the discipline imposed by the faculty.

It is desirable that students should register early, since the order of assignment of seats in the lecture halls is based upon the order of time of registration.





ELEVATOR HALL.

### ADMISSION TO ADVANCE STANDING.

The following portion of the resolutions offered by the Committee on Advanced Standing was adopted:

*Resolved*, That when students present credentials from reputable schools, medical, scientific or literary, for work done in branches taught in the schools of this Association covering these fully or in clearly definite part, such subjects or parts of subjects may be accredited to such students and the students advanced in time, the number of hours required for such studies in the Dental College.

*PROVIDED*, always, that such credits shall amount to as much as one-half year to receive time recognition and that in no case should they amount to more than one year's time.

*PROVIDED*, further, that such credentials be verified by correspondence with the school issuing the same. Such credentials shall express the hours of didactic work with grades, or the number of hours and character of laboratory work with note books whenever such note books have been employed.

Students presenting passing grades covering subjects required in this college will be credited with such grades, provided the college giving same is on the accredited list.

### REQUIREMENTS FOR GRADUATION.

The degree of Doctor of Dental Surgery will be conferred on students who shall have completed the course of instruction, attended the required time, performed the work required, and shall have passed satisfactory final examinations. To be eligible to the degree, the student must be twenty-one years of age, possess a good moral character, and must have paid all fees.

Students of both sexes are admitted on equal terms.

The monthly report of attendance, and the standing of pupils in quizzes, recitations, laboratory work and in infirmary practice, both operative and prosthetic, is considered in making up the rating of final examinations.

For further information regarding credentials of admission other than already specified, communicate with the Dean.

Graduates of reputable medical colleges will be admitted to the Junior class, and are excused from lectures and examinations upon general anatomy, chemistry, histology, pathology and physiology, but are required to take lectures and examinations in dental subjects in accordance with the rules of the National Association of Dental Faculties.



## BUILDING AND EQUIPMENTS.

The college building is provided with all modern conveniences, and contains three large well-lighted and well-ventilated amphitheatres.

The laboratories are among the largest and most complete possessed by any similar institution in the United States. They occupy four floors, and each will accommodate 120 students. They are provided with desks and lockers and are well adapted to the work for which they are intended. Adjoining the laboratories are preparation rooms for the use of demonstrators and professors. In the department of pathology the pathological collections furnish ample material for the macroscopical as well as the microscopical study of diseased tissues.

The laboratories are abundantly supplied with microscopes, immersion lenses, microtomes and all other necessary apparatus, including a new projection apparatus for the illustration of lectures with stereopticon views. Electric motors are in use in all laboratories. The physiological laboratory adjoins and is new and equipped at great expense.

The clinical operating room, lecture halls, chemical and histological laboratories and dissecting rooms are complete, and all appliances necessary to the successful teaching of practical and scientific dentistry are provided.

The infirmary occupies the entire top floor of the main building. Large skylights, as well as north, east, south and west side-lights assist in making the Infirmary ideal. The structure, standing as it does, with no immediate adjoining buildings, receives the light in an unobstructed way. The height is such a birdseye view of the city in all directions is afforded.

The Infirmary is divided into the Operative, Prosthetic and Orthodontia sections.

These departments are equipped with new chairs of the latest improved pattern, with fountain cuspidors attached, double-decked stands for accommodating students' operating cases, and sanitary washbowls with hot and cold water, formaldehyde instrument sterilizer and all approved appliances that will in any way assist in making the Infirmary what the term modern improvement implies.

The Infirmary has adjacent to it a prosthetic laboratory, in which the students can do their moulding, soldering and fusing. Compressed air

apparatus, electric ovens for porcelain work, electric lathes, and such other appliances as go to properly equip an ideal prosthetic laboratory are provided.

A large passenger elevator operated by electricity connects all floors.

The ladies' parlor is for use of lady attendants, and these rooms are furnished with reading tables, book racks, easy chairs and other necessary comforts.

The College journal is a department of the Plexus, a monthly periodical edited in the interest of the departments of Medicine, Dentistry and Pharmacy. The Junior class edits the college contribution to the University Annual, "*The Illio*."

### **LIBRARY AND MUSEUM.**

The College of Medicine of the University of Illinois, adjacent to the College of Dentistry, has a reference library of many thousand volumes under the care of a trained librarian and assistants.

This library is known as the Quine Library, in honor of the donor, Prof. W. E. Quine, Dean of the College of Medicine. The library is available for the students of the dental department.

The bound volumes now exceed ten thousand and include practically every important text-book and monograph on medical subjects in the English language. More than eighty periodicals are received regularly.

This large and rapidly growing collection of books and periodicals is systematically classified and catalogued, the assistants instruct students in the correct and independent use of a large and technical library. The close proximity of the library to the class and lecture rooms, and the free and unrestricted use our students are permitted to make of it, materially augment its value.

In number of volumes it is the *second library* of its character in Chicago, and is consulted by more readers than any other library of its kind in the city.

The Chicago Public Library, on Michigan Avenue and Washington Street, which is one of the most complete in the country, from which books may be taken on presentation of proper certified credentials. The Newberry Library is easily reached, and it affords students excellent opportunities to consult the special libraries of medicine and dentistry. The John Crerar Library occupies one of the floors in the Marshall Field building, and is devoted mostly to natural, physical and social science. Our students are admitted to these various libraries.

A museum has been founded in conjunction with the college library, and now contains a large number of specimens of human and comparative anatomy. This museum will be of great service to the students. Our Alumni and friends are asked to donate specimens.

### **METHODS OF INSTRUCTION.**

Instruction is given by means of lectures and recitations, demonstrations and laboratory work. The time of the student is about equally divided between laboratory and clinical work on the one hand, and lectures and recitations on the other. The work of each session will be complete in itself, hence a graded course. Credits are given as the work proceeds.

Students are admitted to the laboratories from the beginning of the first year. The laboratory work is so arranged as to maintain the best relationship to the lectures and clinical studies.

In the clinical work, methods both of investigation and of reasoning are carefully and systematically taught. The diagnosis, prognosis and indications for treatment will receive no less attention than the methods of construction and the technique of procedures.

### **DEPARTMENT OF PROSTHETIC DENTISTRY.**

Professor Cigrand in charge. He is assisted by Dr. Meek and demonstrators and quiz masters.

The head of this department has arranged this portion of the curriculum into a graded course, harmonizing, as well as combining, the theoretical with the practical, and the course is divided into three branches: didactic, technique and clinical; a graded course extending throughout the entire three years is given as follows:

**FRESHMAN**—Familiarizing students with mechanical and oral terminology. Taking impressions of the mouth for partial and full cases, using the various materials and appliances employed in the procedure of acquiring a perfect impression. Making the base-plate, arranging the teeth with reference to articulation and occlusion. Carving, polishing and finishing the several plain and gum teeth and the various methods of repair work will be thoroughly taught.

Instructing students in the several methods of producing a model which is to be used to create a die. Also producing full and partial cases with teeth soldered into position; the construction of aluminum cases, both partial and full, making weighted lower base; full metal base with double palatal and variety of clasp dentures; the latter portion of this course includes the metallurgy of zinc, lead, iron, tin, gold, copper, silver, aluminum, iridium and platinum.

During the latter portion of the course Professor Cigrand will give lectures on Dental History.

The course will cover a concise but comprehensive history of the progress and development of dentistry.

**JUNIOR**—The underlying principles of crown work and mechanism of production; root preparation; band construction and crown conformation; restoration of badly decayed roots preparatory to attaching a crown; methods of restoring fractured roots; variety of partial crowns; the carving of cusps; casting of cusps and swaging of cusps; constructing perfect cope, grinding and backing facings. Description and demonstration of various systems of bridge work.

Instruction is given in the philosophy of mastication, recognition of the various temperaments; variety of tooth form, restoration of facial outlines, observations on gnatho-dynometrics, normal and abnormal antagonisms in construction of artificial dentures.

**SENIOR**—This section will be devoted to crowns, bridges and base-dentures previously demonstrated. The great variety of cases which daily present themselves at the Infirmary will be brought before the notice of the student at the chair. Inter-dental splints will be constructed and students will be expected to adjust a practical case. Restoration of cleft palate by artificial means, and methods of gum restoration in cases of hare-lip or accident.

In this section the senior students will be taught the production of appliances for emergency cases in practice, thus impressing the senior student with the spirit of originality in performing prosthetic operations and constructing appliances. New ideas and methods of combination dentures and simple and complex bridge work will be given.

The junior and senior students will be required to perform practical prosthetic work in the Infirmary, thus combining the theoretical with the practical. A sufficient number of demonstrators will be constantly in attendance. A printed list of instruments required will be mailed on application.



SENIOR PROSTHETIC LABORATORY



**DEPARTMENT OF BACTERIOLOGY, PATHOLOGY AND REGIONAL SURGERY.**

Professor Cook in charge.

The general bacteriology taught comprises classification of bacteria, and products of bacteria, conditions influencing their growth, methods of observing, cultivating, isolating and identifying them.

Sterilization and disinfection are gone into with especial thoroughness. As far as possible these subjects are impressed by practical illustrations and laboratory technique. The final lectures are devoted to special bacteriology, familiarizing the student with such pathogenic and pyrogenic bacteria as occur in connection with diseased conditions of the mouth. During the course actual cultures are obtained from mouths of patients or students, the growth of culture is watched, and later the various cultures are separated into pure cultures by the petri-plate method, and then the morphological and biological characters of these pure cultures are studied. Rabbits and guinea pigs are used in experimental work.

The senior year is devoted to the study of micro-organisms of the human mouth, their etiological relation to dental caries, studying pathological conditions of first and second dentition, sensitive dentin, hyperemia and congestion of the pulp nodules, putrescent pulps, acute and chronic alveolar abscesses, disease of the peridental membrane, necrosis of hard and soft tissues.

The course will also include physiological chemistry and study of diet in relation to dental structures. Considerable attention is also given to regional surgery.

Prof. Cook is assisted in this work by several assistants.

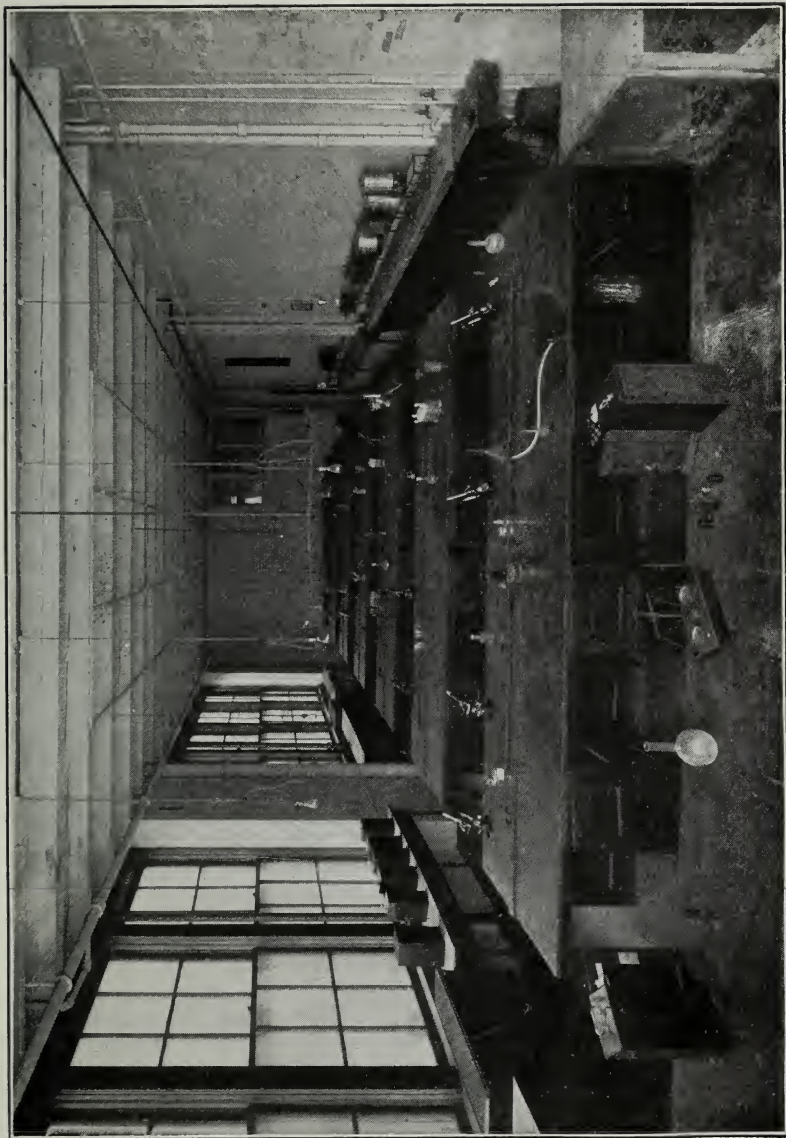
**DEPARTMENT OF OPERATIVE DENTISTRY.**

Prof. Gallie in charge.

This department is divided as follows:

**The didactic course** on operative procedures. This consists of about fifty lectures from the Chair, supplemented by quizzes from the demonstrators.





HISTOLOGICAL LABORATORY

**The operative technic course** consists of lectures and quizzes on all the subjects of the course, as well as demonstrations and careful guiding of the student's work according to the following syllabus:

I. Nomenclature—a study of the more important technical words used in dentistry.

II. Anatomy (Dental). (a) Study of external tooth forms and carving in natural sizes and forms. (b) Macroscopic anatomy; cutting and describing longitudinal and transverse sections.

III. Instrument nomenclature and making models of instruments.

IV. Cavity preparation and instrumentation; manipulation, grasps, rests, direction and control of force.

(a) Sharpening instruments; (b) forming cavities by measurement; (c) preparing classified cavities, with their instrumentation.

V. Treating, cleaning and filling of root-canals.

VI. Filling materials; their preparation and manipulation.

**The operative clinic** consists in performing such operations in the mouth by students, pertaining to cleaning, treating and filling the teeth. These operations will be performed under the direction of competent demonstrators.

No effort will be spared to maintain the highest place possible in teaching operative procedures after the latest and most approved methods.

This course includes instrumentology as accepted by the **National Institute of Dental Pedagogy**. It will embrace the whole question of operative instruments, their nomenclature, classification and formulæ, and the instrumentation of cavity preparation. Students are trained in the use of tin and non-cohesive gold, as well as their cohesive forms.

The principal objects sought in this course are:

First. Familiarity with teeth.

Second. Manual training.

Third. Habits of order and system.

The operations in this course require a very large number of natural teeth. Students should, therefore, bring with them all the extracted teeth they can obtain.

A list of instruments, which the students are required to have at the beginning of the term, will be furnished.



SECTION OF INFIRMARY

Students are required to purchase the instruments, **according to the list furnished**, before entering upon class-work.

Professor Gallie will be ably assisted in the three divisions of the operative department by Professors Dittmar and assistants.

#### **DEPARTMENT OF MATERIA MEDICA AND THERAPEUTICS.**

The course under Prof. Charles E. Jones.

In the Freshman year, materia medica will be taught by means of recitations, conducted by competent quiz-masters.

In the Junior year, one lecture a week will be given. Materia medica is continued, and the study of pharmacology will receive special attention. The art of preparing medicines, illustrating their properties, characteristics and applications; poisons, their chemical and physiological antidotes or antagonists; incompatibilities, chemical and pharmaceutical, will be fully considered. An exposition of chemical laws, and their practical application in pharmacy.

In the Senior year, two lectures a week will be given, supplemented by experiments and demonstrations, in practical dental therapeutics. These lectures include a consideration of the most recent methods known to dentistry and medicine. Prescription writing will also be taught in this year, and will be given the dignity and importance this subject deserves in a dental course.

Students are required to write prescriptions, making their own combinations of drugs and medicines for the treatment of definite pathological conditions.

Considerable attention is given to the practical demonstration of the action of drugs upon the vital organs.

#### **DEPARTMENT OF ORAL SURGERY.**

Professor Moorhead will deliver one lecture a week throughout the term supplemented by three hours per week in *Oral Surgery*, where a great variety of operations are performed on *living subjects* who are in need of surgical interference. Opera-



tions for hare-lip, staphylorrhaphy, and kindred operations; also operations made necessary from pathological conditions, such as tubercular and syphilitic lesions.

In a great city like Chicago, with its two millions of people, many accidents must necessarily happen, a great many of which are of special interest to the dental student, such as operations for simple or compound fracture of the maxillary bone, necessitating the construction of interdental splint.

Professor D. A. K. Steele is consulting surgeon of this department and takes part in performing the major operations.

A course is given to the Junior class on the cadaver. It consists of practical demonstrations on the cadaver of the surgical operations of the mouth and face. This course is given to prepare Junior students for the more advanced work to be given in the Senior year on the living subject. It will include demonstrations of the best methods of operating on the bones, the face, tongue, hare-lip and cleft palate.

Professor Moorhead will be assisted in this work by Professor W. T. Eckley.

## DEPARTMENT OF ORTHODONTIA.

Professor McDowell in charge.

A course on orthodontia will be given by both juniors and seniors, the juniors receiving one lecture a week and one afternoon laboratory work a week, during the first half of the year. The work will consist of a didactic course of all methods and systems of regulating appliances, a technique course of making appliances, of soldering and instruction in mounting appliances on models preparatory to the senior clinical work.

The Senior's work will consist of a didactic course of one lecture a week and clinical work in the infirmary two afternoons a week during the term. The didactic course takes up the study of the causes of irregularities, the study of anomalies of the teeth, comparative dental anatomy, and the classification of the different forms of malocclusion, simplifying the cases for application of appliances for practical treatment. The use of the X-ray is considered in its application for determining the position of unerupted, malformed, and missing teeth. The clinical work is carried on under direct supervision of Professor McDowell, and two afternoons a week are devoted to the study and treatment of practical cases in the infirmary.

**DEPARTMENT OF METALLURGY AND DENTAL CHEMISTRY.**

Prof. Thomas L. Grisamore in charge.

The lectures and demonstrations of this course are in keeping with the present advanced requirements of the dental practitioner. Special attention is given to the necessity for better acquaintance with the metals, which in any sense enter into materials used in dental restorations—either operative or prosthetic.

The subject of solders, including those of gold, silver, aluminum and platinum, will receive careful consideration. The problems of high and low fusing solders, together with their various shades, will be considered. Metallic refining forms a part of the course.

The interesting subject of amalgams will engage the attention of the classes, while cement tests, as well as the analyses of the great variety of oxides of zinc, will form a major portion of the course. These lectures will be illustrated by practical experiments.

**DEPARTMENT OF GENERAL ANATOMY.**

Professor Eckley in charge.

This branch is taught by didactic lectures, demonstrations, recitations and dissections.

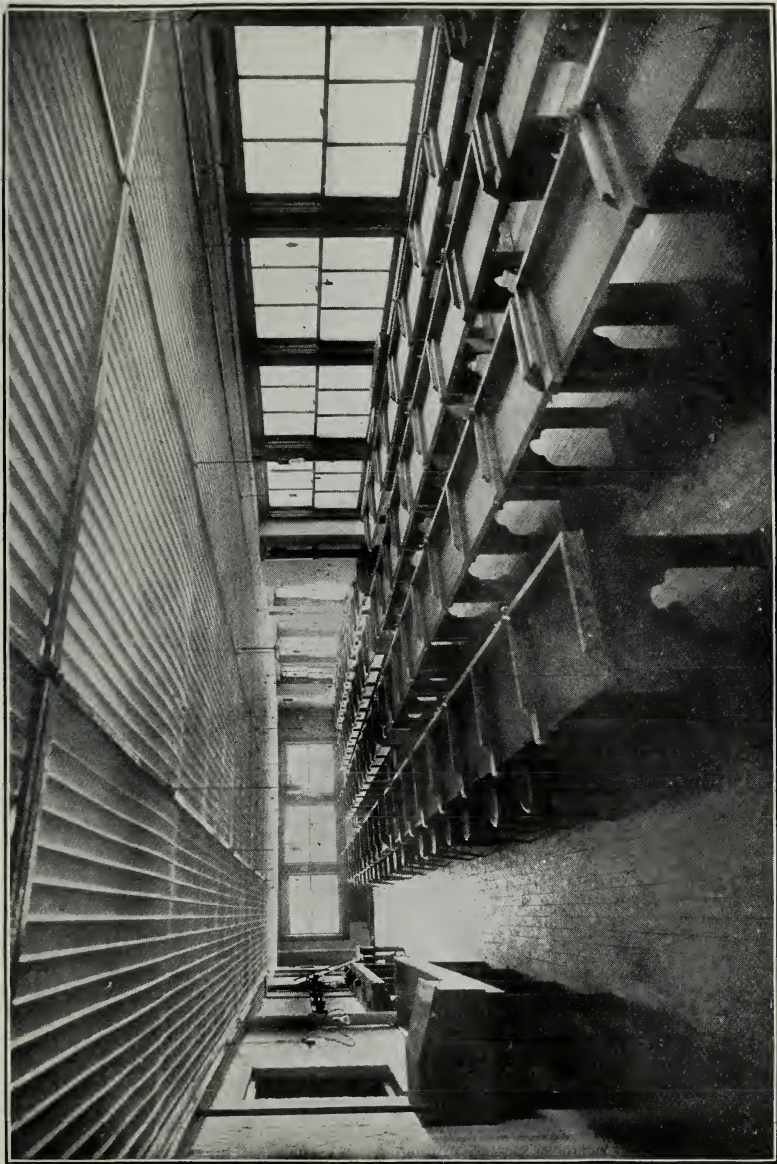
As thorough a knowledge as may be in the time allotted is gained of general anatomy, but the special object of the course is to prepare students in this branch for the specific requirements of dental practice and oral surgery take lectures throughout.

Demonstrations of the entire body, on carefully dissected cadavers prepared for the purpose, are given to the freshman class in small sections, by competent demonstrators. This makes the student, early in his course, familiar with names of structures and gives him some idea of their proper relations and uses. Recitations are regularly a part of the method of teaching anatomy.

Students dissect in both the freshman and junior years, and all meritorious regional dissections are properly mounted, labeled and placed to the students' credit in the dental museum of anatomy.

Our dissecting-rooms are new and modern, and we believe well-nigh ideal. They consist of many compartments and each





JUNIOR PROSTHETIC LABORATORY

dissecting compartment is provided with bones, dissected specimens, tables, blackboard, steam heat, electricity, and will accommodate a class of sixteen students. Each compartment is in charge of a demonstrator, who devotes his time to his section of the class. By this arrangement overcrowding is impossible, and the inconveniences of the old-time dissecting-room are obviated. The head of this department is assisted by C. B. Eckley, associate professor, in both the demonstrative and didactic.

The museum is provided with every facility for studying anatomical specimens, one of the finest in the land.

The museum study-room is under the charge of a special custodian, and no loud talking is permitted to distract attention.

Our dissecting material is abundant, most carefully embalmed, scrupulously clean and absolutely freed from infective qualities before placed on the tables for the students.

Students are graded on their work and recitations in the dissecting-room once a week, and are provided with a duplicate check, signed by the head demonstrator, showing grade and region dissected each week.

Professor Eckley will devote consideration to the subject of the philosophy of mastication, and complements the course of prosthesis under Professor Cigrand.

The senior students receive this special course of lectures on regional anatomy on the following subjects: (1) Anatomical factors concerned in reflex pains in the trigeminus; (2) How septic thrombi in the dental area reach the sinuses of the dura mater; (3) The antrum of Highmore—its physiological and pathological importance in dentistry; (4) Relation of the pregnant uterus to the fifth cranial nerve; (5) The temporomandibular articulation.

## DEPARTMENT OF PHYSIOLOGY.

Professor Burkholder in charge. The scope of this department has been greatly enlarged, and the character of the work elaborated, so that it fills in a very efficient manner the high requirements of the University of Illinois.

A comprehensive course in cytology constitutes the early portion of the work in the freshman year; this study is essential for the proper comprehension of all physiological phenomena. Then follows a careful study of the elementary tissues and physiological chemistry.

The physiology of digestion is next considered; digestion more particularly concerns the dental surgeon than any other of the vital processes, and corresponding care is given to its study.

The study of the blood and of the circulation, as well as of respiration, are also included in the freshman course.

In the junior year the study of nerve physiology and the functions of the sense organs is considered. Special care is given to the study of the fifth nerve, which supplies the teeth with muscles of mastication and the large number of reflex impulses in association. The study of this nervous system is preceded by a short course on the general architecture of the human brain, illustrated by dissections and drawings.

#### **DEPARTMENT OF PORCELAIN.**

Professor Roach in charge.

In this section porcelain work in every detail will be considered. The preparation of the several enamels and bodies, the construction of platinum bases and supports; the underlying principles of successful porcelain work; continuous gum dentures; various porcelain crowns; inlays and repair cases.

Special attention will be given to the use and care of all kinds of furnaces and the study of electricity as applied in the study of porcelain.

The instruction is given by lectures, laboratory exercises and recitations. The lectures are replete with numerous experiments and demonstrations, thus presenting the various topics of the subject in a practical as well as theoretical manner.

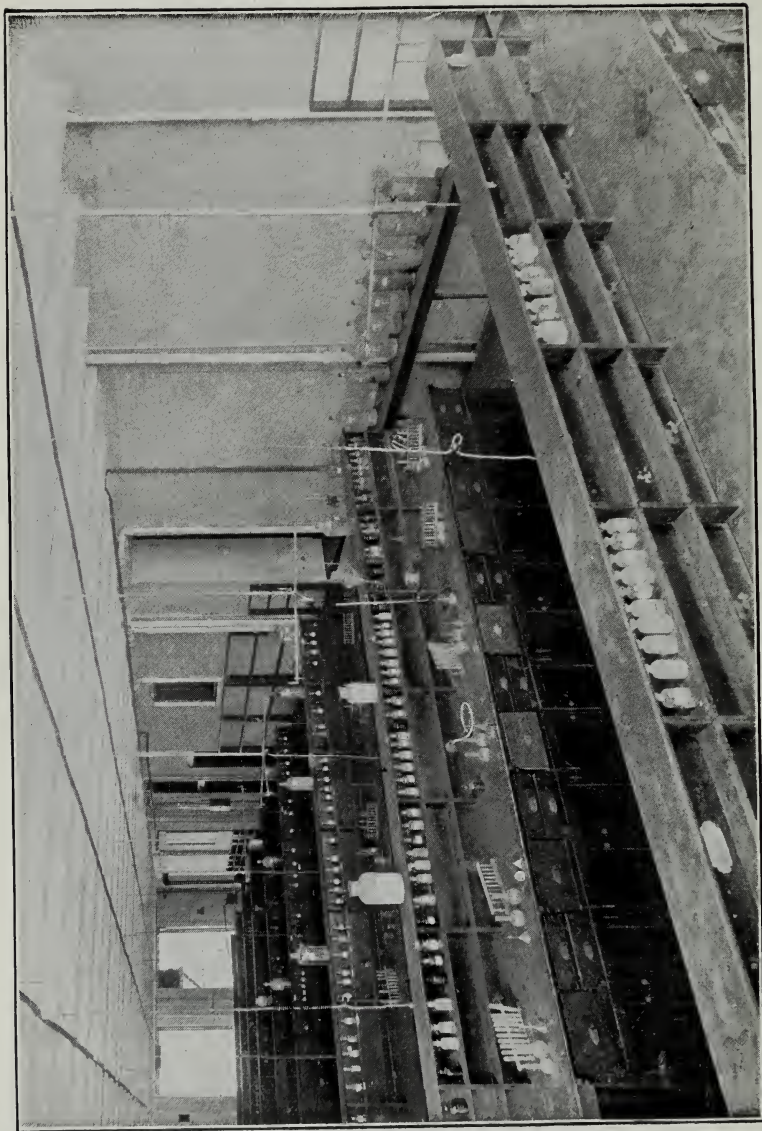
#### **DEPARTMENT OF HISTOLOGY AND MICROSCOPY.**

Professor Zapffe in charge.

The work in this department embraces two years of study, beginning with the freshman year; one lecture hour and a two-hour laboratory period each week for one term of seven months. In the laboratory the student is taught the technique of preparing specimens and mounting them ready for microscopical study.

Although hitherto considered as a strictly medical subject, histology is now of equal importance to the dentist, as the subject is taught from





CHEMICAL LABORATORY

the standpoint of its practical value to the dentist. Special attention is given to the histology of the teeth, gums, mouth and structures adjacent thereto.

Students are requested to be provided with extracted teeth, since in the production of mounted specimens, the teeth are needed.

In the junior year a course in embryology is given with the view of preparing the student for his work in oral surgery. The cause and process of formation of cleft palate and other deformities of the mouth and face are described at length. This course is original with our school, and is one which has been much appreciated by the students, inasmuch as it considers in detail a subject which has only been lightly touched upon heretofore.

## DEPARTMENT OF CHEMISTRY.

Professor Abbott in charge.

This College considers general chemistry as one of the most important branches of the college curriculum.

General chemistry, which is necessarily fundamental to all science study, is taught in the same manner as in the medical department of the University. Our dental students have all the advantages offered to the medical students in both the laboratory and didactic courses.

The course embraces the study of the non-metallic elements and their compounds, the atomic theory, chemical formulas, chemical nomenclature, the classification of inorganic compounds, the properties of metals and their most useful compounds, analytical processes, analysis of urine, saliva, and digestive ferments.

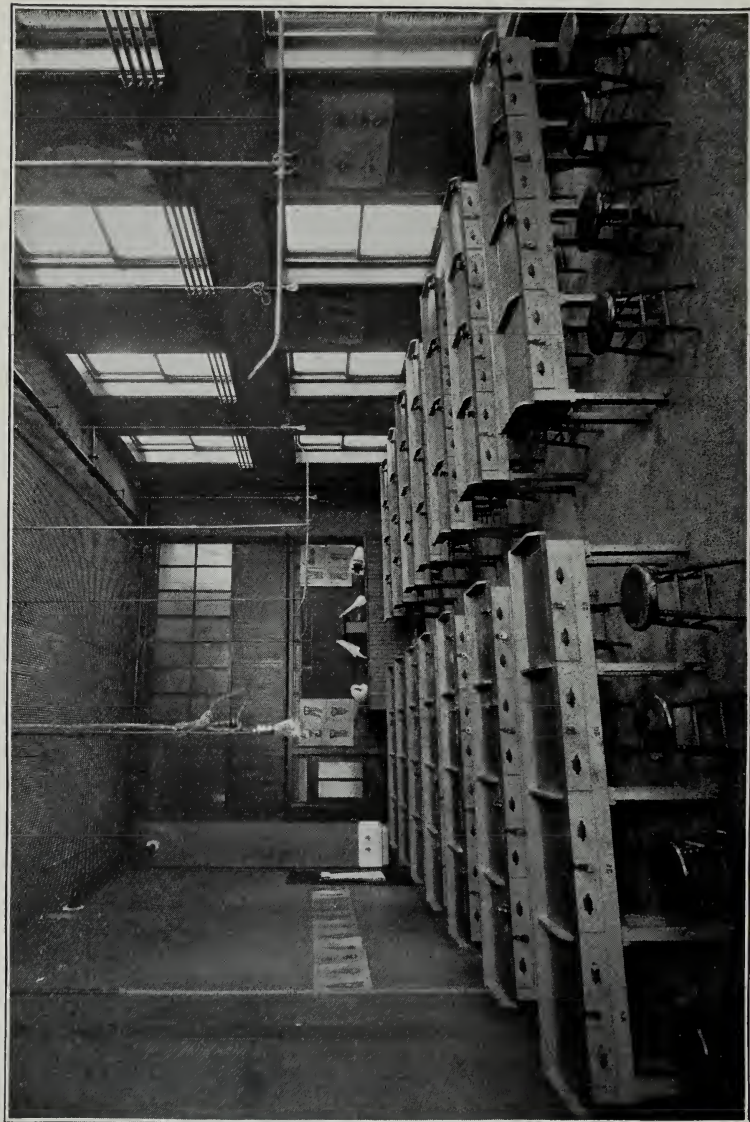
Students are required to make many experiments in the laboratory in which the chemical and physical properties of dental amalgams and alloys are studied. The latter course is designed especially for dental students, and is conducted in a special laboratory arranged for the work.

## DEPARTMENT OF NEUROLOGY.

Professor King in charge.

Neurology, as it concerns dentistry, is taught with a view to application in practice.

The subject, in its causative relations to arrested development, dental and oral deformities and tropic conditions of the teeth, is explained and illustrated.



OPERATIVE TECHNIC LABORATORY



Neurotic disorders having their origins in dental irritations and diseases will receive adequate consideration.

The diagnosis, management and emergency treatment of neuralgias, neural poisoning, toxemias, neurasthenia, exhaustion, suspended consciousness, convulsions, hysteria and other morbid mental and emotional states, as occur in and complicate dental practice, will receive particular attention.

## **DEPARTMENT OF DENTAL JURISPRUDENCE.**

Professor Brothers in charge.

Instruction in dental jurisprudence is given to the senior students by a course of lectures and series of quizzes. Acting on the theory that every man should be broader than the mere technical requirements of his profession, the instructor aims to give the students practical knowledge of those principles of law which govern his individual as well as his professional rights and obligations. The professor in charge will cheerfully inform students as to various state dental laws.

To impress upon them an appreciation of their professional and individual responsibilities under the law. The effort is made to familiarize them with the law and the administration thereof in so far as it most nearly affects them in their practice and thus enable them to discharge intelligently the duties devolving upon them.

## **DEPARTMENT OF GENERAL ANESTHESIA AND PHYSICAL DIAGNOSIS.**

Professor Seifert in charge.

This course embraces a consideration of general anesthetics, their practice and employment, the selection of the anesthetizing agent, the relative advantages and dangers of the various anesthetics; the relation of the diseases of the heart and of the respiratory system and kidneys to the administration of anesthetics, and the diagnostic features of such cardiac, kidney, and respiratory diseases as are of special importance with employment of anesthetics.

The great importance of a thorough understanding of anesthetics and of the diagnostic features of the diseases, which are of interest in this connection to the individual who has charge of the administration of such agents, is at present emphasized in dental teaching. A much wider knowledge of this subject is demanded at present than formerly was the custom to expect, and the individuals who are not conversant with both



SMALL ORAL SURGERY ROOM

the nature and method of employment of anesthetics, and with their contra-indications and limitations as well, fall short of the practical knowledge demanded of them.

### DEPARTMENT OF DENTAL AND FACIAL ART.

This course was instituted for the purpose of rendering greater opportunity for acquiring digital dexterity. In this especially arranged graded course of advanced sketchwork, including basic principles of carving, modeling, tinting, the students will study the types of faces, observing the laws of correspondence as relates to tooth and jaw formations; sketching dental forms and various oral appliances—thus acquainting themselves with the technic of prospective designing.

Those who will receive this art training will find it thoroughly in keeping with their professional career and a valuable aid in acquiring manipulative and manual skill. The course will necessarily be of a character as conjoins with the prosthetic department though the operative and orthodontia subjects will receive consideration.

### COMPARATIVE ANATOMY.

Professor Seth E. Meek in charge.

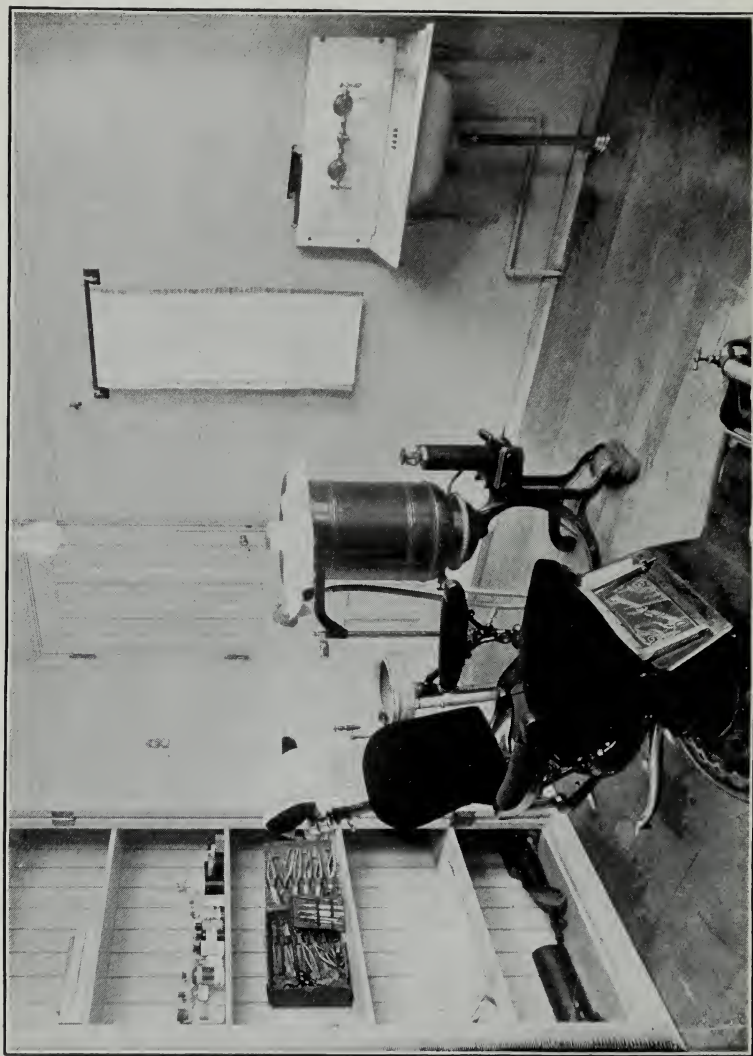
The lectures beginning with the history of the lowest type of the masticatory apparatus will trace the evolution of the same to the more complicated forms, dealing with food habits and digestive processes.

Particular emphasis is given to the comparative study of the teeth of man in the various stages of civilization.

### Y. M. C. A.

This College is a member of the Young Men's Christian Association—intercollegiate department. Beginning with September 1st, 1906, there will be in constant attendance a representative from the Association, and he will look after the interests of the Association in locating students in desirable boarding places, and also to give the new students such other information as will aid them in getting comfortably situated. One of the rooms of the dental building is reserved for Y. M. C. A. work. On arriving in the city students may leave baggage at depot twenty-four hours, allowing time to get rooms and boarding places. If so desired, the baggage may be sent care of Y. M. C. A. to the College of Dentistry, University of Illinois, Cor. Harrison and Honore Sts.

**Written Quizzes and Examinations** are held by the various professors at intervals during the term, and especially at, or near, the end of the first semester, or from the 15th to the 20th of December. A few of these latter, especially in the lecture courses



EXTRACTING ROOM



which terminate with the first semester, are final examinations, and a few others are final upon the subjects passed over. But, for the most part, they will take the form of written quizzes for determining the progress of the classes as a whole, and of the individual students.

The reports of pupils in quizzes, recitations, laboratory work and in infirmary practice, both operative and prosthetic, are considered in making up the rating upon final grades.

### **COURSE OF STUDY.**

The regular session of 1906-1907 will begin on October 4th, 1906, exercises at 8 p. m. sharp in College building. The courses are graded and cover the three years of college work. The teaching of one year is not repeated, and the course is **graded** and **progressive**, the several classes having separate laboratories and independent existences, at no time taking lectures or demonstrations together.

### *COLLEGE ALUMNI ASSOCIATION.*

Advise the Alumni secretary of any changes of address of the members of the association, and information of deaths should also be communicated.

#### OFFICERS :

DR. C. M. LOESCHER, '04, President.  
DR. J. C. MACKINSON, '04, Vice-President.  
DR. J. R. MURPHY, '02, Treasurer.  
DR. LOUIS MILLER, '06, Secretary, 813 W. Harrison St.

## **Text Books**

### **FIRST YEAR.**

Anatomy—Cunningham's Text-book of Anatomy. Gerrish, Gray, Eckley. Dental Anatomy—Black. Physiology—Kirk. Chemistry—Houston, Lyon & Davis, Roe. Histology—Piersal and Schaefer. Dental History—Cigrand. Dental Metallurgy—Hobgen, Essig. Medical Dictionary—Duane, Gould, Thomas. Materia Medica—Stevens.

### **SECOND YEAR.**

Anatomy—(Same as first year). Cunningham's Text-book of Anatomy. Pathology—Stengel. Physiology—(Same as first year). Materia Medica—Long. Chemistry—Hanniburton, Bishop. Comparative Anatomy—Thompson, Tomes. Orthodontia—American System, McDowell.





SECTION OF DISSECTING ROOM

**THIRD YEAR.**

Pathology—Stengel. Oral Surgery—Garretson, Marshall. Orthodontia—McDowell, Guilford, (second edition). Dental Jurisprudence—Rahfuss. Regional Anatomy—Eckley.

**SPECIAL WORKS.**

Regional Anatomy—Eckley, Cryer. Art in Prosthesis—Cigrand. Electricity. Radiography—Custer. Principles of Crown Work—Goslee. Materia Medica—McWhinney.

**REFERENCE BOOKS.**

American System of Dentistry. Crown and Bridge Work—Evans. Diseases and Injuries of the Teeth—Smale, Colyer. Principles of Surgery—Senn. The American Text-Book of Prosthetic Dentistry—Kirk. Micro-organisms—Murr, Riche. Micro-organisms of the Human Mouth—Miller. Chemistry—Mitchel, Bishop. Dental Pathology and Pharmacology—Burchard. Oral Surgery—Marshall. Operative Dentistry—Kirk, Johnson.

**Summary of three Courses.****FRESHMAN COURSE.**

Materia Medica—One lecture per week. Anatomy—Two lectures per week during term. Anatomy—Dissecting the median half of the human body. Physiology to Nervous System—One lecture per week. Histology—One lecture per week. Histology (laboratory)—Two hours per week. Chemistry—Lectures and laboratory work, six hours per week. Operative Technics—Four half days per week. Prosthetic Technics—Three half days per week (laboratory). Dental History—Ten lectures.

**JUNIOR COURSE.**

Anatomy—Two lectures per week during term. Anatomy—Dissecting the median half of the human body. Physiology—Nervous system, one lecture per week. Materia Medica and Therapeutics—One lecture per week. Pathology (general)—One lecture per week. Chemistry (laboratory)—Three hours per week. Histology (general and dental)—One lecture per week. Histology (laboratory)—Two hours per week. Prosthetic Dentistry—One lecture per week. Prosthetic Dentistry (laboratory)—Two half days per week and Infirmary practice. Orthodontia—One lecture per week. Orthodontia Technic—One-half day per week. Operative Dentistry—Two lectures per week. Operative Dentistry—Infirmary Practice. Comparative Anatomy—Ten lectures.

**SENIOR COURSE.**

Dental Pathology and Therapeutics—Two lectures per week. Oral Surgery—One lecture per week. Oral Surgery Clinic—Two hours per

week. Orthodontia—One lecture per week. Orthodontia Clinic—Six hours per week. Dental Jurisprudence and Ethics—Ten lectures. Prosthetic Dentistry—One lecture per week. Prosthetic Dentistry—Infirmary practice. Operative Dentistry—Two lectures per week. Operative Dentistry—Infirmary practice. Bacteriology—One lecture per week. General Anesthesia and Physical Diagnosis—Ten lectures. Neurology—Eight lectures. Porcelain Work—One lecture per week and laboratory one-half day per week.

## MATRICULATION AND TUITION.

### FIRST YEAR (FRESHMAN).

Matriculation Fee.	
General Tuition.	
Histological Laboratory Fee.	
Dissecting Fee (one part).	
Chemical Laboratory Fee.	
	<hr/>
	\$155.00

### SECOND YEAR (JUNIOR).

Matriculation Fee.	
General Ticket.	
Histological Laboratory Fee.	
Dissecting Fee (one part).	
Chemical Laboratory Fee.	
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	\$155.00

### THIRD YEAR (SENIOR).

Matriculation Fee.	
General Ticket.	
Final Examination Fee.	
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	\$155.00

Fees are payable in advance. Students unable to meet these requirements must make satisfactory arrangements with the DEAN or ACTUARY at the beginning of the course.

This announcement applies to the session beginning Oct. 4th, 1906, and all requirements, fees and regulations mentioned in it apply to this college year alone. The Trustees of the University reserve the right of making changes in succeeding announcements.

These conditions cannot be modified except upon the written consent of the proper officials of the University.

For such students as intend practicing in States requiring a four-year course there will be ample provision made and a course arranged.

Good board and rooms convenient to the College can be obtained at prices varying from three to five dollars a week, according to the accommodations; also vacant rooms without board, furnished or unfurnished, can be obtained at from six to ten dollars per month. The students often club together and live economically and comfortably.

The expense of living in Chicago is less than in most other large cities.

Send in the matriculation fee of \$5.00. Seats, lockers and desks will be assigned; or call and make choice.

For further information relating to the College of Dentistry, address

**DR. GEORGE W. COOK, Acting Dean,**

**Cor. Harrison & Honore Sts., Chicago, Ill.**

## **Dental Students.**

### **SENIOR CLASS**

Bloomenstiel, Mose Frank  
Brady, Elizabeth Neil, M. D.  
Bronstien, Benjamin Joseph  
Clinite, Floyd Ellis  
Coleman, Guy Thomas, M. D.  
Cree, Charles Garfield  
Danforth, Earl Hartland  
Desser, Louis Bernard  
Dyblie, John Helmer  
Ertel, Herman Henry  
Frey, Joseph Clark  
Gill, Walter William  
Harris, Aaron Bloom  
Helmick, Otto W.  
Holden, Walter Horace  
Jent, James Abram  
Krone, Otto August  
Kerrigan, Joseph John  
Kostowski, John  
Landon, Orrin Frederic  
Lotreck, Frank  
Mason, Clarence Joseph  
Marquis, Robert Lyle  
Marsh, Clark Willard  
Mauermann, Hugo Charles

Miller, Louis  
Meek, Clarence B.  
Mortenson, John Ole  
Mundell, Ralph Rogers  
Nelson, Theodore Martin  
Plummer, Joseph Henry  
Preusker, Gustof Alvin  
Reid, William A.  
Rockfellow, John Albert  
Rogers, William J.  
Shaffer, Walter Henry  
Sepple, Charles Vincent  
Simmons, Everett Lee  
Stoner, W. M.  
Stocker, Carl George  
Taylor, Elmer Eugene  
Thompson, William  
Tym, William Bradford  
Vita, Valerian Julian  
Walker, Thomas Raymond  
Waterman, Glen Burrows  
Wimmer, Wallace Alexander  
Worthington, Samuel Lester  
Worthington, Chester Allen  
Wright, James Alexander

**JUNIOR CLASS**

A. C. Kingsley  
 Ashworth, Thomas Athony A.  
 Bauder, Charles  
 Becker, Walter Edward  
 Clark, Ezra T.  
 Cleveland, Carleton  
 Cronk, Benjamin Bicknell  
 DeMay, Rollo O.  
 Dierks, John  
 Driver, Ralph Burt  
 Dunn, Joseph Atwood  
 Fels, Leo J.  
 Foley, Clarence L.  
 Frankel, David A.  
 Frey, Henry  
 Goglinski, Walter Eugene  
 Halperin, Abraham Nathan  
 Hoover, Thomas Ellingworth  
 Jacobs, Joseph E.

Kubitz, Harvey H.  
 Lasker, Maurice  
 Levin, Samuel A.  
 Lockwood, Bradley F.  
 Lyons, Ernest  
 Marquis, Maynard Maine  
 McCarthy, Thomas J.  
 McCreight, James Steele  
 Murphy, Lawrence Bernard  
 Nowacki, Walergran Waclaw  
 Phifer, LeRoy Henry  
 Shere, Alex A.  
 Singer, Samuel J.  
 Spangler, Harry T.  
 Thomson, Johanne C.  
 Vorwerk, Frederick William  
 Wheeler, George W.  
 Zimonth, Antony J.

**FRESHMAN CLASS**

Armstrong, Neil Holland  
 Bandelin, Carl Frederick  
 Black, David B.  
 Burkholder, Charles A.  
 Butler, Thomas Edward  
 Clair, Anna  
 Daye, Chester Walter  
 Bernard, Frank Joseph  
 Budworth, Clyde Alvin  
 Burke, William Theo  
 Ebert, Frederick Edward  
 Ehrlich, George Theodore  
 Farrier, James Jones  
 Feldsher, Noah  
 Friedman, Samuel  
 Gorman, Joseph Sabas  
 Grace, Fred J.  
 Gwyne, J. S.  
 Habel, Arthur  
 Haley, Quintus Edward  
 Hemingway, C. V.  
 Hough, Michael Francis  
 Hopkins, Hugh Benjamin  
 Ivins, Merle Weseley  
 Jones, Harry Lysander  
 Joyce, Frank LeRoy  
 Jozwiak, Joseph Anthony  
 Kaufman, Henry Joseph

Kerr, Maurice Meyer  
 Kettles, Charles H.  
 Klumb, Edward Frederic  
 Korshak, Harry Max  
 Larsen, James Anderson  
 Mickelson, William Rassmus  
 Mitchell, Walter Theron  
 Morgan, Roscoe  
 Newman, Louis  
 Ponce, Francisco  
 Pontius, Melvin E.  
 Porterfield, Jay Osborn  
 Ramsey, Paul H.  
 Reichenberger, E.  
 Rotzoll, Albert  
 Schaffner, Herman Herbert  
 Saboroff, Simon  
 Stoughton, Elmer Bovee  
 Stahl, William Edmund  
 Silverberg, Harry S.  
 Sulluway, Israel  
 Stone, Reuben Alexius  
 Swatek, Edwin Paul  
 Von der Heydt, Harry Karl  
 Young, Otis  
 Wilcox, Henry L.  
 Warner, Clyde Herbert  
 Warner, Maud Myrtel

**Graduates.****CLASS OF 1899.**

Aldrich, Arthur C.  
 Allender, Fred C.  
 Barrows, Edward B.  
 Bradford, William S.  
 Brophy, Henry  
 Brown, J. Addison

Brown, Harry H.  
 Condit, Seley Frane  
 Dodez, Edward Wright  
 Frazier, Claude E.  
 Grantveldt, Harry F.  
 Hendricks, Nathan G.



## CLASS OF 1899—Continued.

Jessie, Oren P.  
Hoag, Morris  
Lancaster, H. N.  
McGarvey, W. R.  
McCarthy, Jeremiah S.  
Rausch, William A.

Spafford, William B.  
Snyder, Harry C.  
Umbehauer, George  
Wambold, Charles  
Zienlineski, J. B.  
Shallenberger, W. C.

## CLASS OF 1900.

Beach, P. Maxwell  
Bisset, Fred A.  
Cook, Clarence D.  
Dowell, H. S.  
Edwards, Burt A.  
Garretson, Herman  
Hollis, Thomas S.  
Hague, Albert S.  
Hackman, John D.

Hansen, Charles  
Jaukowski, J. J.  
Jones, Charles Erwin  
Morse, Oren P.  
Murto, William D.  
Neil, Elgin  
Roe, Frank C.  
Sinclair, George B.  
Winder, Charles J.

## CLASS OF 1901.

Armstrong, Perry A.  
Brow, Garver M.  
Clark, A. B.  
Corthell, Melvin B.  
Donaldson, Roy S.  
Elliot, Francis S.  
Fales, Elnora M.  
Frankell, Henry  
Hines, Charles S.  
Huff, Martha P.  
Imbritt, Helen  
Misher, Hunderlich F.  
McCauley, Clayton  
McDowell, Albert J.

Paden, Charles M.  
Reardon, Charles  
Ramsey, Hal H.  
Redosy, Adolph  
Rudd, Edward  
Smedburg, F. Oscar  
Springer, Stanley T.  
Swihart, Simpson  
Stecher, Karl  
Straus, George  
Taylor, George  
Watkins, Harry  
Wollenberger, Sigmund

## CLASS OF 1902.

Abbott, Carroll Breed  
Adams, Harry Walter  
Alther, Arthur Eugene  
Atwood, Arthur Levelle  
Bake, Louis E.  
Bawden, Arthur Collan  
Benson, Henry William, B.S.  
Black, James Clarence  
Carl, Francis Marion  
Cameron, Walter Patterson  
Chamberlain, Rollo Guy  
Cummings, Ernest Graften  
Daniels, Charles Lyle  
Donaldson, Robert Patterson  
Dubin, Aaron Joseph  
Fales, Alfred Henry  
Flachtmeier, Arthur Frederick  
Granger, John Clare  
Grubb, Harry White  
Hawes, David Rector

Hillier, Charles William  
Homan, William Withers  
Kelley, Ernest Byron  
Lichtenberg, Ferdinand Howard  
Merz, Frank Raymond  
Means, Jay Lee  
Murphy, John Maxwell  
Murphy, John Richard  
McGinnis, Robert Johnson  
Owens, Claude DeForest  
Pipkin, William Lewis  
Rork, Ray Newman  
Rice, Charles Vernon  
Ratcliff, Frederick Hayes  
Ruzicka, Martin Joseph  
Tigner, Charles Hammond  
Taft, Devello Eddie  
Urbanek, Marie Rose  
Wasser, Alvin Sylvester  
Walk, William Joseph

## CLASS OF 1903.

Adams, Lysle Edwin  
 Altenberg, Conrad Frederick  
 Applegate, Edward Walter  
 Bawden, Steven Richard  
 Froman, Alfred Alexander  
 Bond, John Henry  
 Cadwallader, Harry  
 Erlands, John Oscar  
 Finley, Charles Alfred  
 Gottlib, Leo  
 Greenfield, Arthur Raymond  
 Hill, Harlow Henry  
 Hanna, Edward Alphonso B.  
 Holly, Francis Albert  
 Hulla, Edward  
 Hammersmith, Oscar Jacob  
 Johnson, Elmer Nicholas  
 Karcher, William Henry  
 McElroy, Joseph Daniel  
 Mann, Alfred Leland Harlan

Maturzynska, Tekla  
 Monahan, James Emmet  
 Murray, Martin Guy  
 Newlin, Alden Richard  
 O'Neill, Vero Erwin  
 Paden, Seymour Davis  
 Palmer, George Fred  
 Post, Wm. Morton  
 Peck, Guy Stanley  
 Rasmussen, Niels Peter  
 Ryan, Frank John  
 Reinbold, John Edward  
 Scott, James  
 Swartz, Frederick Holstein  
 Sprague, Thomas Harvey  
 Stahl, Frank Murray  
 Taylor, William Frank  
 Taylor, William Henry  
 Wardner, George Horace  
 Waterman, Charles Edward, Jr.

## CLASS OF 1904.

Abstein, Charles Eugene  
 Arnold, Elisha Melvin  
 Beringer, Eric  
 Berryman, William L.  
 Brady, George C.  
 Catterson, Lorace O.  
 Cohn, Israel  
 Converse, Albert Edward  
 Cooley, Vernon Penfield  
 Dobbs, Chester Coleman  
 Dickenson, Herbert Allen  
 Eckford, John  
 Fitzgerald, Edmund Richard  
 Freyer, Hedwig  
 Glenn, Edward Morrow  
 Gorney, William Albert  
 McCormick, Ivor  
 McMaster, Oscar Fitzalen  
 McWilliams, William Henry  
 Moore, Franklin Benjamin  
 Murray, Joseph Lawrence  
 Ostermeier, George Albert  
 Peterson, Peter Christopher Bronnum  
 Ramsey, Elmer Hugh  
 Richter, Evangeline R.  
 Rodenhauser, William Robert  
 Schulze, Elizabeth Louise  
 Sharp, Charles Byron

Granger, Frank Riley  
 Hobbs, Woodie Clay  
 Holmes, John  
 Hopkins, Lewis Warren  
 Hubbard, Herman Henry  
 Ireland, Thomas John  
 Jacobs, Charles Thomas  
 Jones, George Arthur  
 Kenny, Edward, Jr.  
 Lee, Henry Cooley  
 Lichtenberg, Albert Bruno  
 Loescher, Charles M.  
 Longwell, John Carlton  
 Loynd, George Reuben  
 Lyon, George John  
 Mackinson, John Charles  
 Mahoney, William Daniel  
 Sommerfeld, Oscar Emil  
 Stout, Louis Aurora  
 Vahue, Earl Orson  
 Van Voorhis, Fred Wilson  
 Vercoe, Ernest Wycliffe  
 Walsh, Richard M.  
 Welch, John D.  
 Wells, Samuel Scott  
 Wertzler, Charles Fred  
 Whitbeck, Frederick Ambrose  
 Wilson, George Henry

## CLASS OF 1905.

Ament, George Dunn  
 Alsip, Herbert Swiger  
 Autenrieth, Bernard B.  
 Bailey, Earl Root  
 Baker, Grace  
 Berry, Walter Howard

Bott, Harry Seacorn  
 Campbell, James Alfred  
 Clancey, Leon William  
 Clary, John Robert  
 Comer, Charles Edgar  
 Crandall, William Horace

## CLASS OF 1905—Continued

Darmer, John Elbert  
Eiser, Lee Earl  
Flanigan, J. Joseph  
Funston, George Edwin  
Gordon, Stephen Francis  
Grissom, Milton Absalom  
Gunn, Robert John  
Houston, George Russell  
Houston, Kenneth Ward  
Houston, Robert Edgar  
Ivey, Francis Hodge  
Kelly, Frand Hetherington  
Kerr, Norman LeRoy  
Kimmel, Nathan  
Krebs, William Aloysius  
Krog, Robert William  
LaDue, J. Byron  
Lancaster, Harvey Middleton  
Lewin, Edwin Arthur  
Logan, Thomas Henry  
Lyle, Arthur Garfield  
McCall, William George  
McDonald, John Francis  
McDowell, Charles  
McDowell, Elmer N.  
McKahn, James Edward  
McSwiggin, Jeremiah Francis  
Marshall, Jay Phillips  
Mecham, N. Ray

Mindlin, Albert  
Moore, Vernon Alvin  
Nauman, Arthur G.  
Nordgren, Robert G.  
Nugent, Clarence C.  
Peterson, David A.  
Pogue, J. Chester  
Porterfield, William Roy  
Quinlin, Michael James  
Ramsey, Stonewall J.  
Rains, Roland Roderick  
Rotzoll, Paul A.  
Schroeder, Theodore L.  
Shaw, Harry V.  
Sherrill, Charles M.  
Smith, F. Hayworth  
Smith, Irving Leland  
Smith, Edward William  
Spare, Maurice Harry  
Stephenson, George Hume  
Stevens, Arthur J.  
Stone, Wilhelm Ferdinand  
Strain, Homer Birdell  
Thomas, James M.  
Waterworth, Tom  
Weisz, David Ignatz  
Wood, Arthur DaMonte  
Wybraniec, Peter Frank  
Young, Arthur J. H.

## CLASS OF 1906

Bloomenstiel, Mose Frank  
Brady, Elizabeth Neil, M. D.  
Bronstein, Benjamin Joseph  
Clinite, Floyd Ellis  
Coleman, Guy Thomas, M. D.  
Cree, Charles Garfield  
Danforth, Earl Hartford  
Desser, Louis Bernard  
Dyblie, John Helmer  
Ertel, Herman Henry  
Frey, Joseph Clark  
Gill, Walter William  
Helmick, Otto W.  
Holden, Walter Horace  
Jent, James Abraham  
Landon, Orrin Frederic  
Lotreck, Frank  
Marquis, Robb Lyle  
Mason, Clarence Joseph  
Marsh, Clark Willard  
Mauermann, Hugo Chr.  
Miller, Louis

Meek, Clarence B.  
Mortenson, John Ole  
Mundell, Ralph Rogers  
Nelson, Theodore Martin  
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Rockfellow, John Albert  
Rogers, William Joseph  
Shaffer, Walter Henry  
Simmons, Everett Lee  
Stocker, Carl George  
Taylor, Elmer Eugene  
Tym, William Bradford  
Thompson, William  
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